



# MODERN DEVELOPMENT OF MAGNETIC RESONANCE

•  
2016

KAZAN, OCTOBER 31 – NOVEMBER 4

First Announcement

The International Conference

## MODERN DEVELOPMENT OF MAGNETIC RESONANCE • 2016

Kazan, Russian Federation  
31 October – 4 November 2016  
[www.kfti.knc.ru/mdmr/2016](http://www.kfti.knc.ru/mdmr/2016)

Dear colleagues,

The Zavoisky Physical-Technical Institute of the Russian Academy of Sciences, the Academy of Sciences of the Republic of Tatarstan and the Kazan Federal University organize the Week of Science “Horizons of Magnetic Resonance” in the period from 31 October till 4 November 2016 including the annual International Conference “Modern Development of Magnetic Resonance 2016” and the anniversary Zavoisky Award 2016 ceremony ([www.kfti.knc.ru/en/zavoisky](http://www.kfti.knc.ru/en/zavoisky)) supported by the Government of the Republic of Tatarstan. 2016 marks twenty five years since the first Zavoisky Award was given to Dr. W. Mims (USA). Since then the Zavoisky Award became a highly esteemed and prestigious award for the achievements in the magnetic resonance research. The ceremony of the Zavoisky Award is an important scientific, cultural and social event in the life of the Republic of Tatarstan.

For the first time the International Conference “Modern Development of Magnetic Resonance 2016” hosts the section “Perspectives of magnetic resonance in science and spin technology”, to which outstanding scientists are to be invited.

The conference is organized under the auspices of the Groupement AMPERE.

The celebration of the 80th birthday of Prof. Kev M. Salikhov is planned within the events of the Week of Science.

### LANGUAGE

The official language of the conference is English

### CHAIRMAN

Alexey A. Kalachev, Professor  
e-mail: [a.a.kalachev@mail.ru](mailto:a.a.kalachev@mail.ru)

### IMPORTANT DATES & DEADLINES

|   |                    |
|---|--------------------|
| Registration and submission of abstracts    | September 1, 2016  |
| Notification of the report acceptance       | September 15, 2016 |
| Opening of the conference                   | October 31, 2016   |
| Zavoisky Award 2016 ceremony                | October 31, 2016   |
| Closing of the conference                   | November 3, 2016   |
| Celebration of Kev Salikhov's 80th birthday | November 3, 2016   |
| Departure of participants                   | November 4, 2016   |

### First Announcement

### THE SCOPE OF THE CONFERENCE

- Perspectives of magnetic resonance in science and spin technology
- Theory of magnetic resonance
- Low-dimensional systems and nano-systems
- Electron spin based methods for electronic and spatial structure determination in physics, chemistry and biology
- Molecular magnets and liquid crystals
- Spin-based information processing
- Strongly correlated electron systems
- Chemical and biological systems
- Medical physics
- Magnetic resonance imaging
- Other applications of magnetic resonance
- Modern methods of magnetic resonance
- Magnetic resonance instrumentation
- Related phenomena

### SCIENTIFIC SECRETARIAT

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### ONLINE REGISTRATION & ABSTRACT SUBMISSION

is to be open at

[www.kfti.knc.ru/mdmr/2016](http://www.kfti.knc.ru/mdmr/2016)